

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of  
Daniel V Santi et al

Application Serial No.: 10/820,975

Filed: April 7, 2004

For: SYNTHETIC GENES

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: Confirmation No.  
: 9532  
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: Group Art Unit:  
: 1633  
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: Examiner:  
: Ileana Popa

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GERARD P. NORTON

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE**

Dear Sir:

In response to the Office Action dated August 7, 2008 (the Office Action), please reconsider the application in view of the amendments and remarks that follow.

**Amendments** to the claims begin on page 2.

**Remarks** begin on page 10.